Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036779.D
Acq On : 18 Sep 2018 8:38
Operator : JU/SJ
Sample : J4935-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 18 11:27:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58926	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	240732	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156195	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	385821	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	400146	20.00	ng	0.00
86) Perylene-d12	24.89	264	387519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91341	24.59	ng	0.00
7) Phenol-d6	7.20	99	121304	22.81	ng	-0.01
23) Nitrobenzene-d5	9.21	82	92013	20.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	38880	20.86	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	234589	21.44	ng	-0.01
78) Terphenyl-d14	20.02	244	392533	22.93	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	11899	2.994	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	19726	7.516	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	19726	5.767	ng	# 19

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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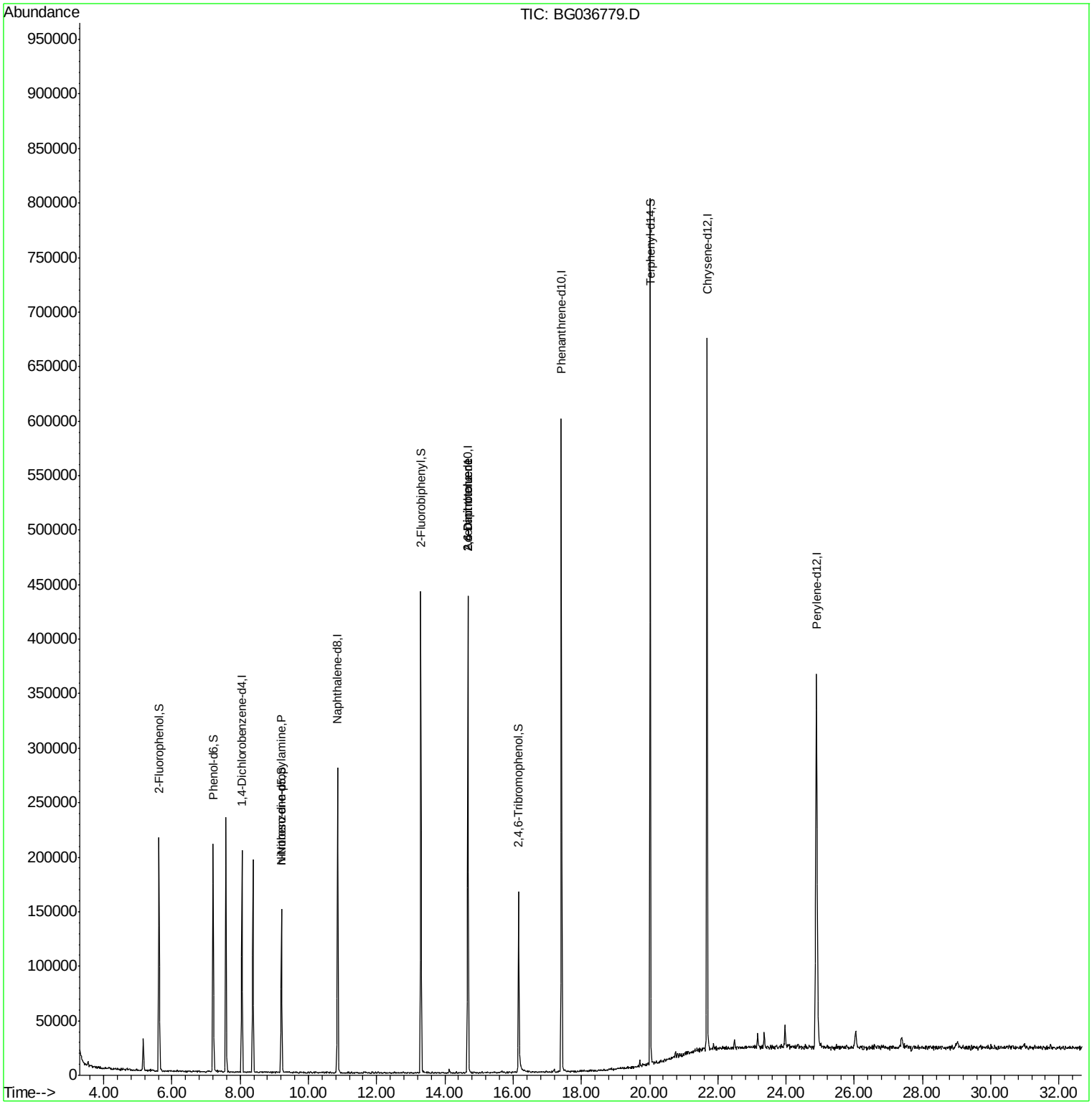
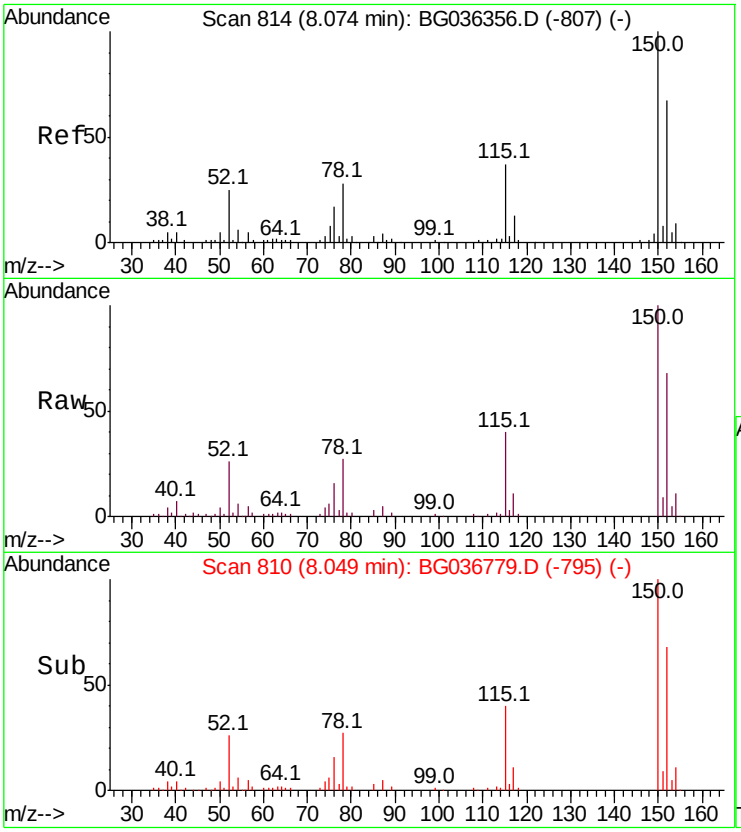


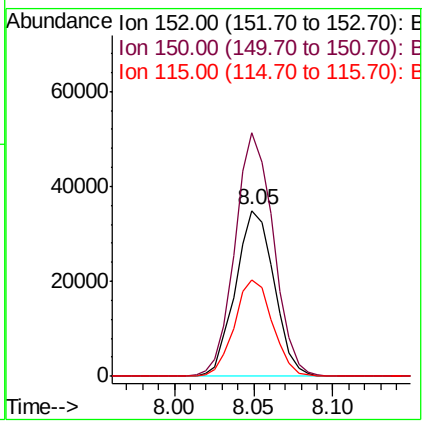


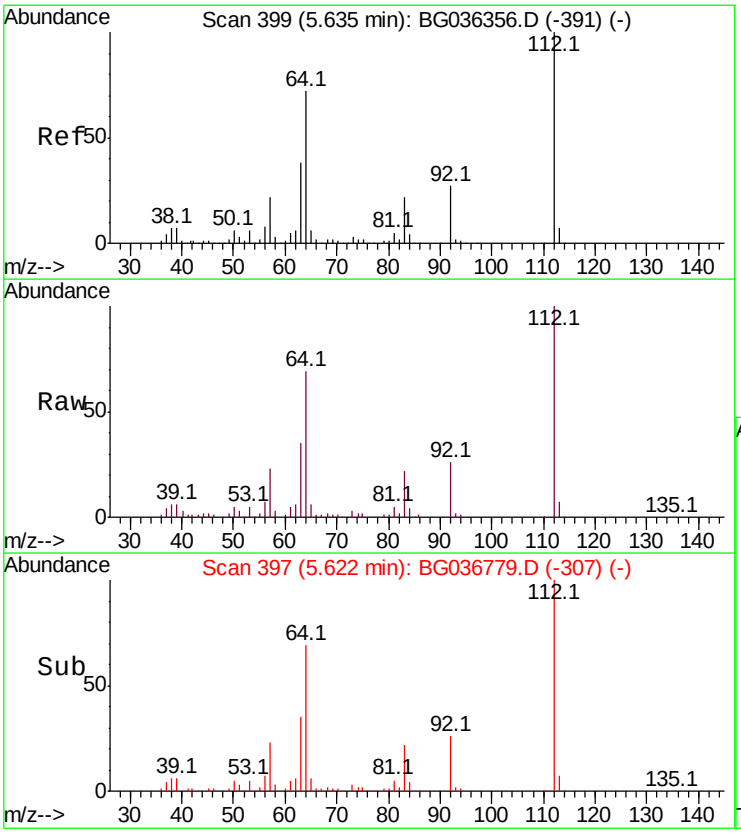
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58926

Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.5	179.3
115	58.0	44.5	66.7

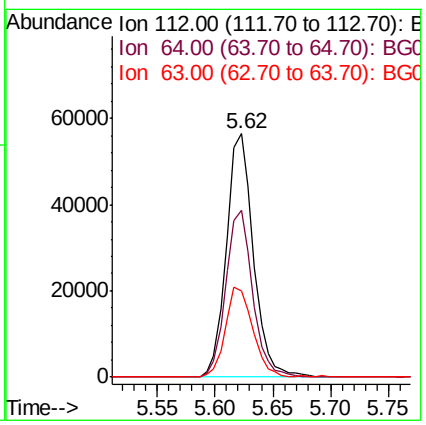


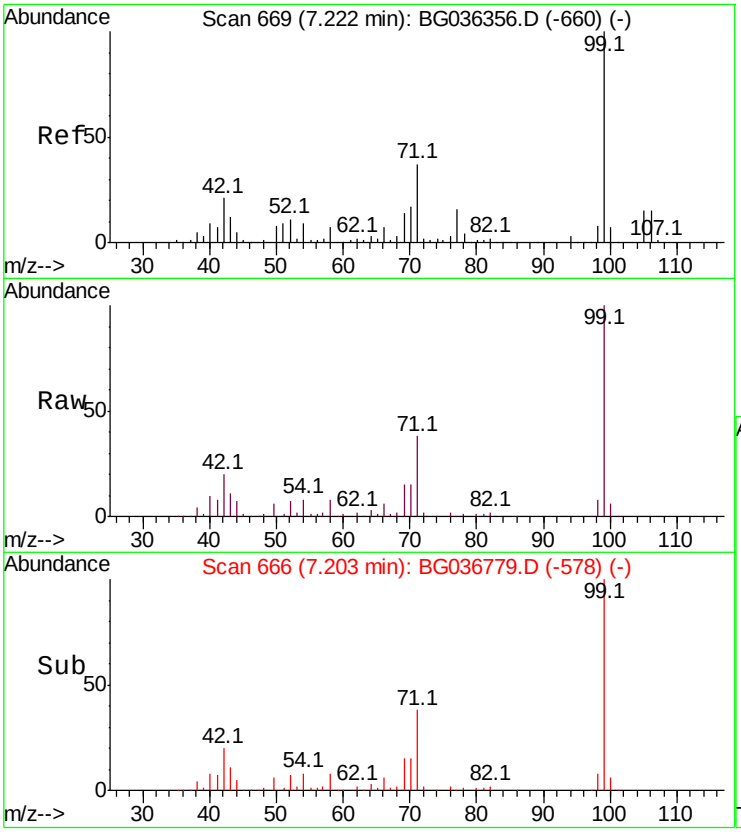


#5
2-Fluorophenol
Concen: 24.589 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:112 Resp: 91341

Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	35.5	30.8	46.2



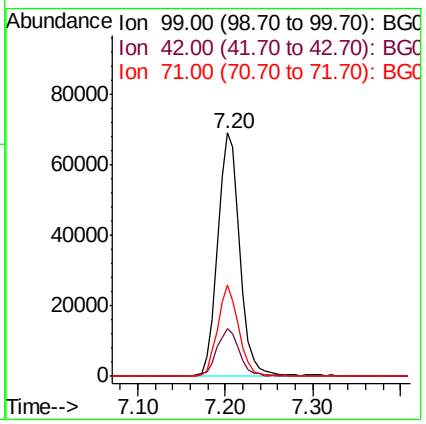


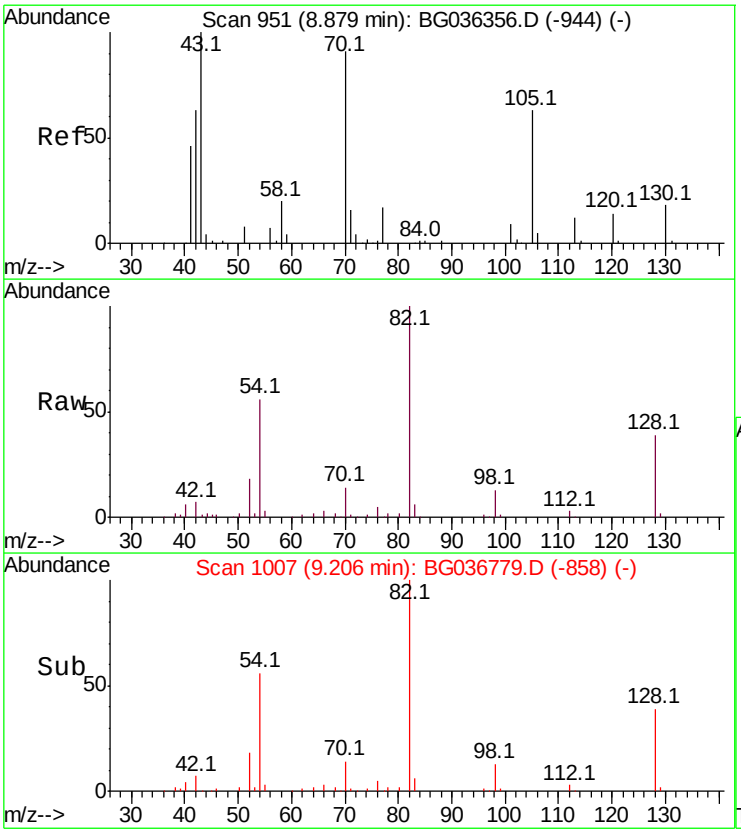
#7
Phenol-d6
Concen: 22.808 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 121304

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.5	24.7
71	37.7	29.4	44.2

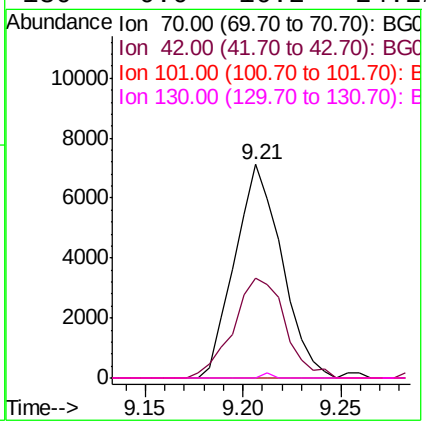


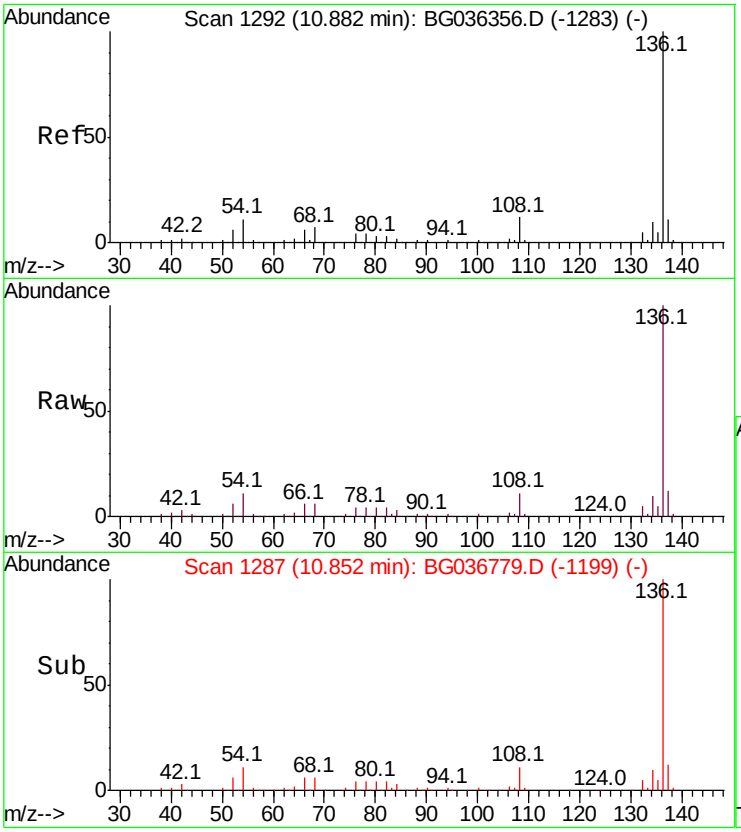


#19
n-Nitroso-di-n-propylamine
Concen: 2.994 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.34 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion: 70 Resp: 11899

Ion	Ratio	Lower	Upper
70	100		
42	46.9	56.2	84.4#
101	0.0	7.8	11.6#
130	0.0	16.2	24.2#



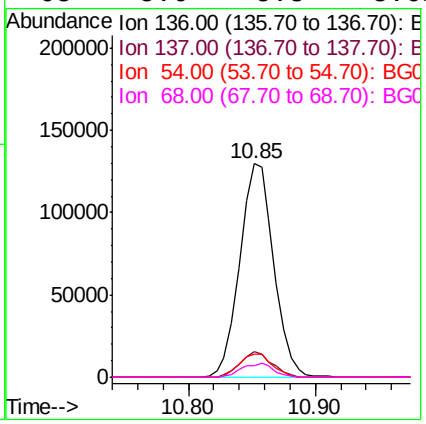


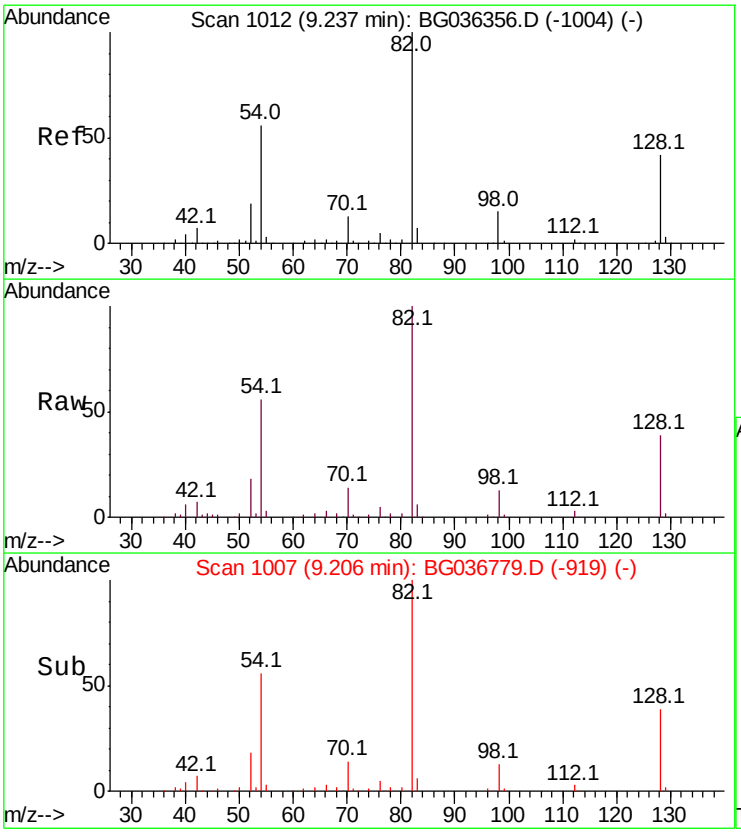
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 240732

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.0	9.2	13.8
68	5.6	5.8	8.6#

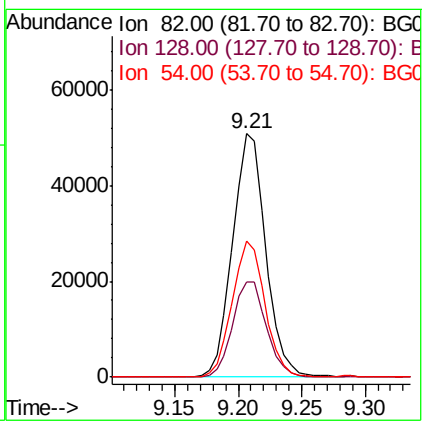


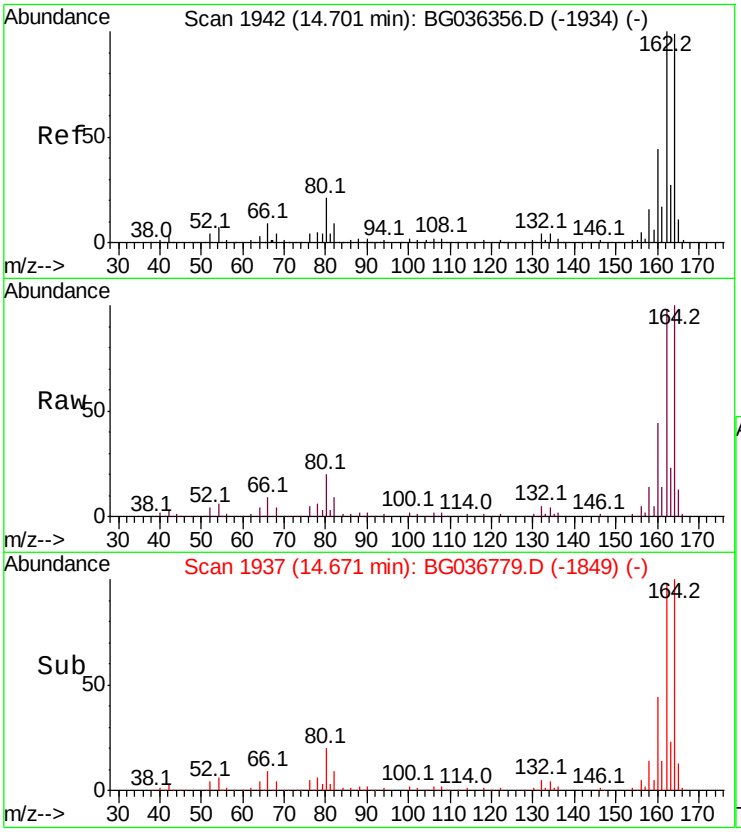


#23
Nitrobenzene-d5
Concen: 20.738 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion: 82 Resp: 92013

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	55.8	45.1	67.7



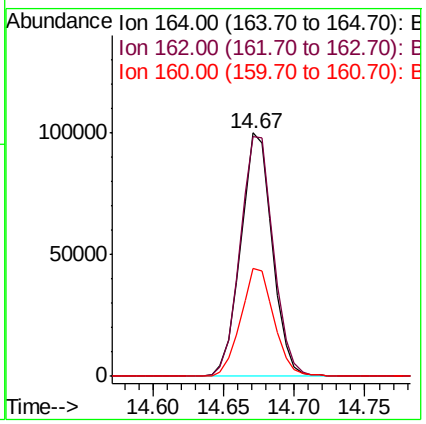


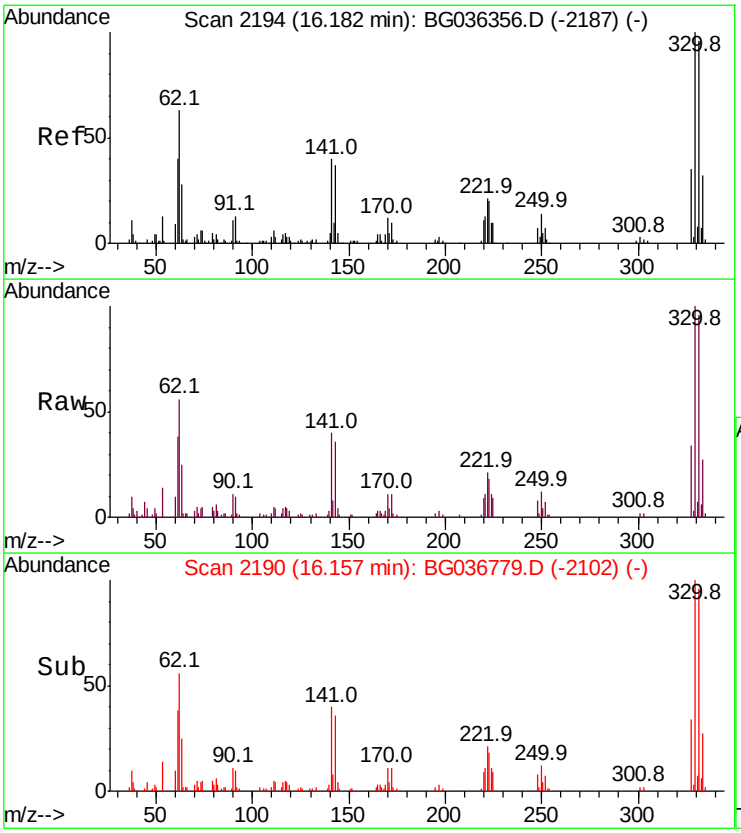
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 156195

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.7	121.1
160	44.1	35.3	52.9

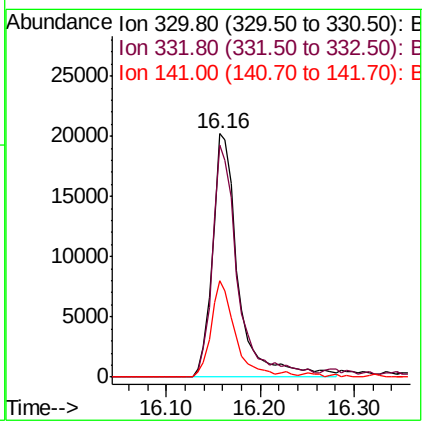


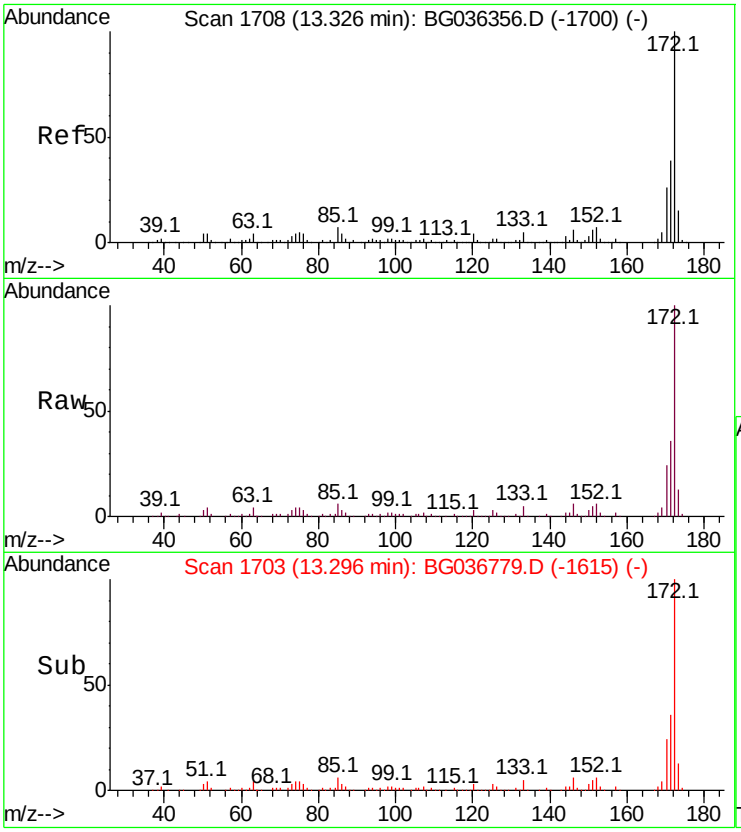


#41
2,4,6-Tribromophenol
Concen: 20.861 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:330 Resp: 38880

Ion	Ratio	Lower	Upper
330	100		
332	94.0	75.4	113.2
141	36.2	30.7	46.1



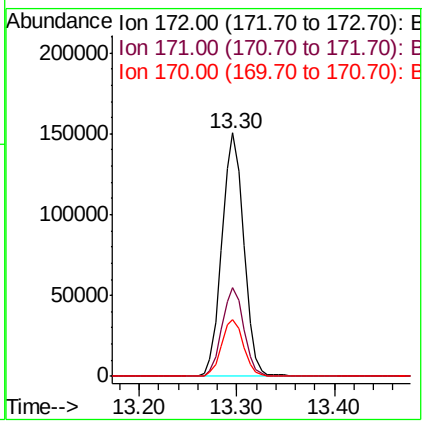


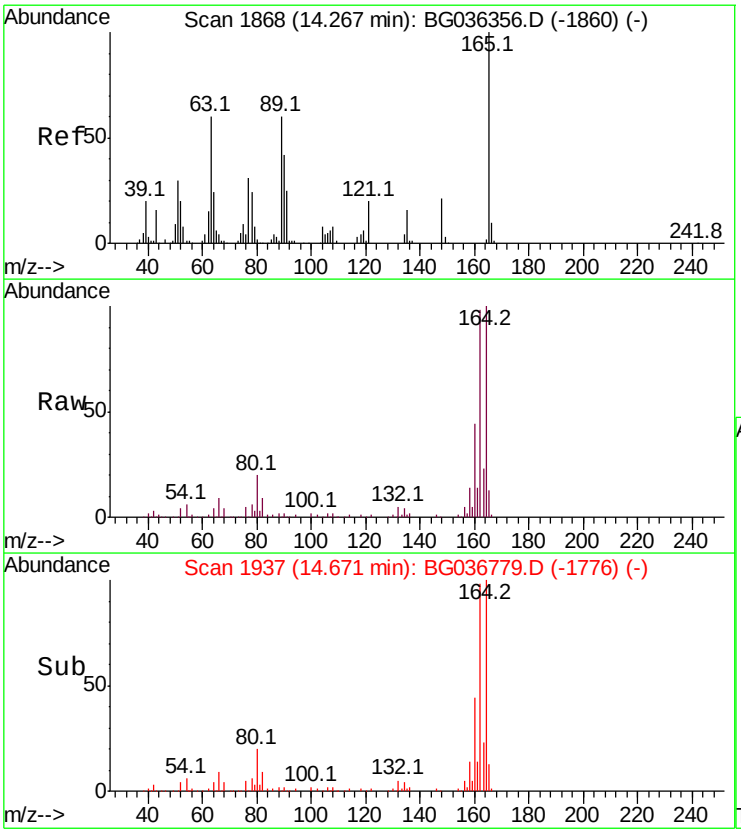
#44
2-Fluorobiphenyl
Concen: 21.444 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 234589

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	23.5	21.0	31.6

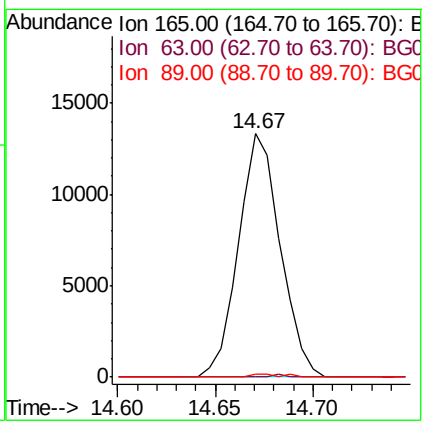


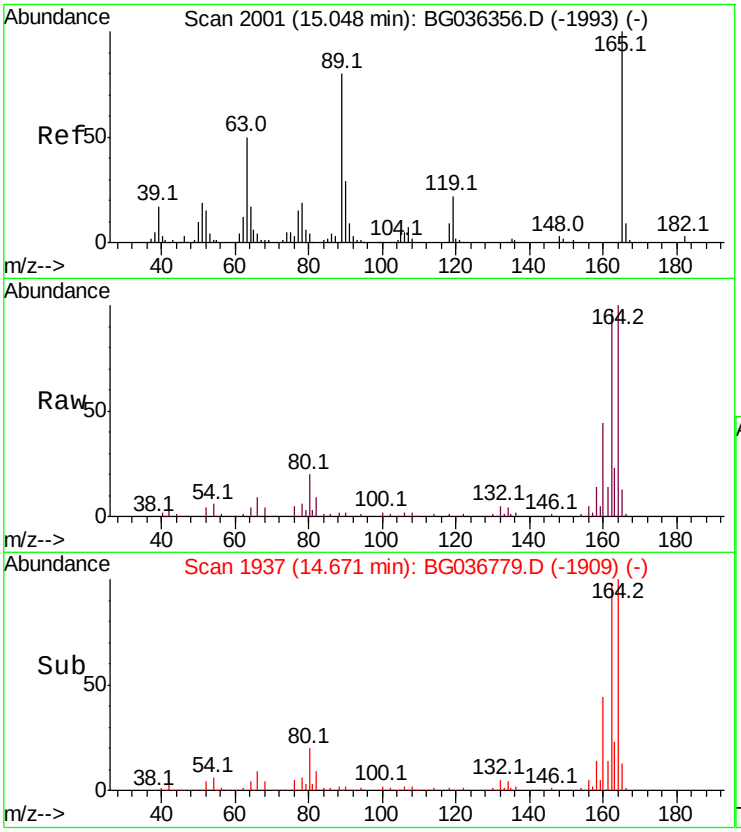


#50
2,6-Dinitrotoluene
Concen: 7.516 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:165 Resp: 19726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.2	47.8	71.6#



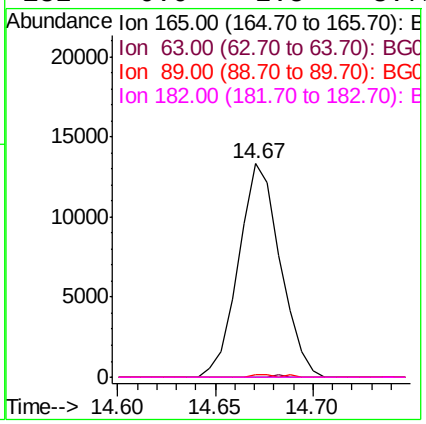


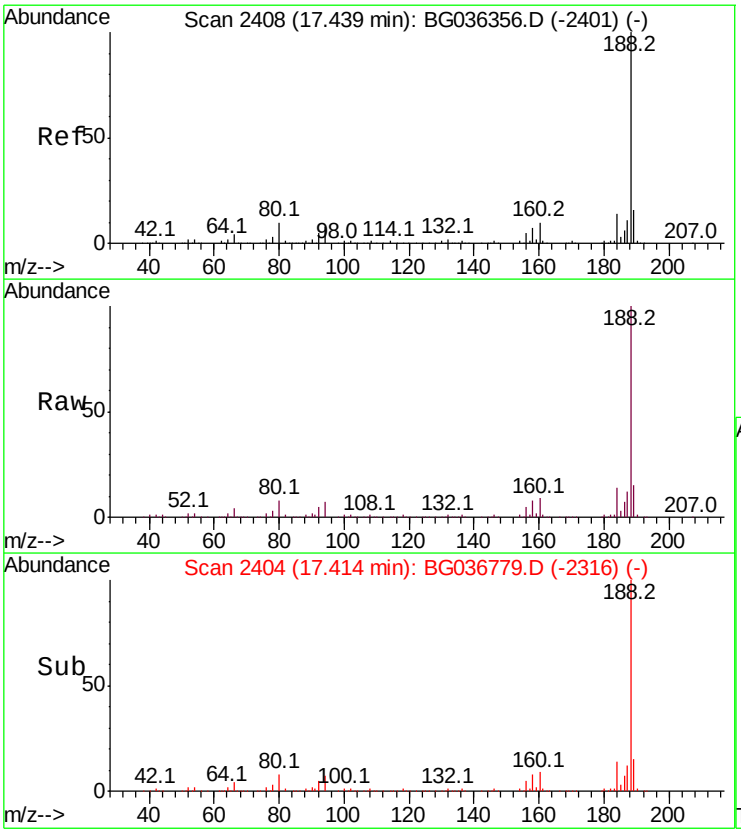
#56
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19726

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.2	63.7	95.5#
182	0.0	2.5	3.7#

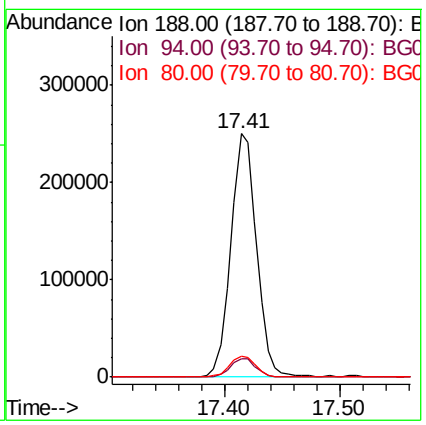


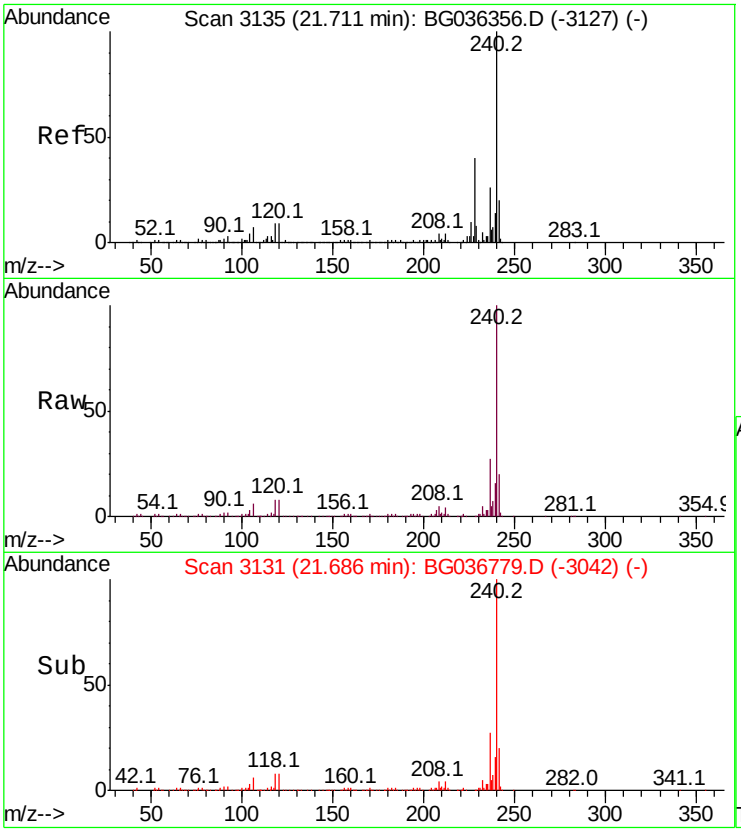


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:188 Resp: 385821

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.4	8.1	12.1



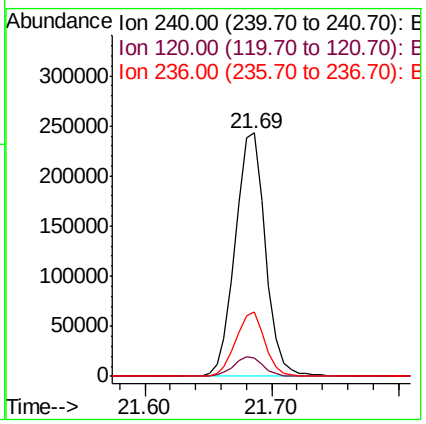


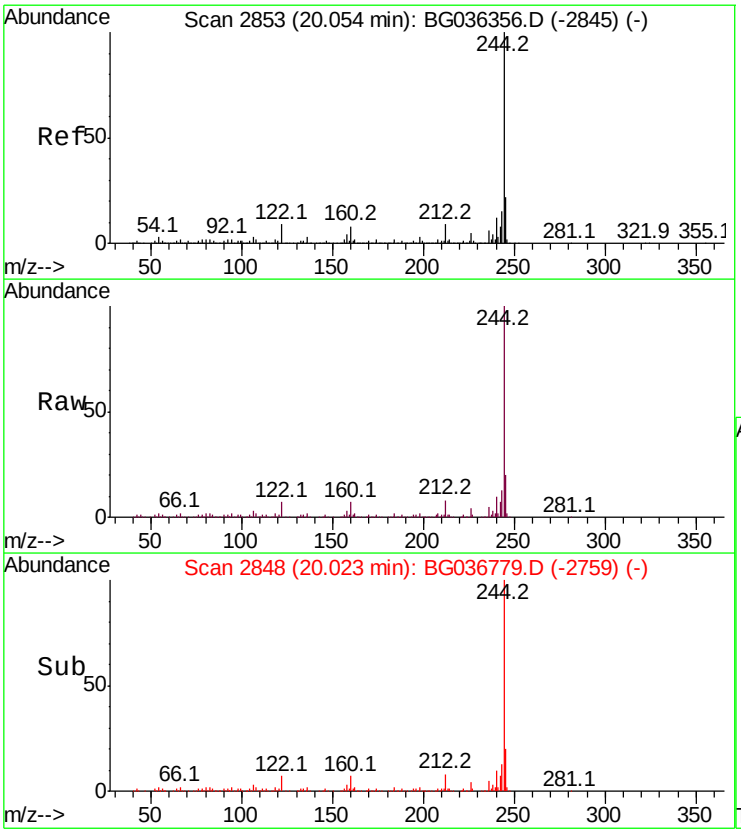
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 400146

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	26.5	21.2	31.8

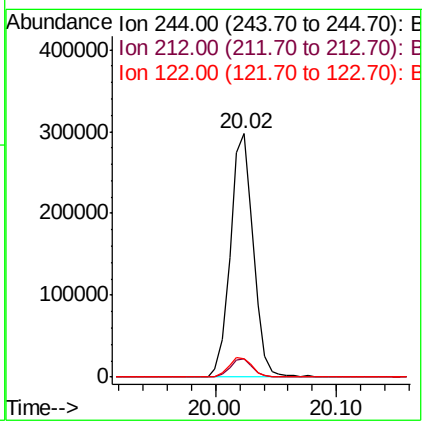


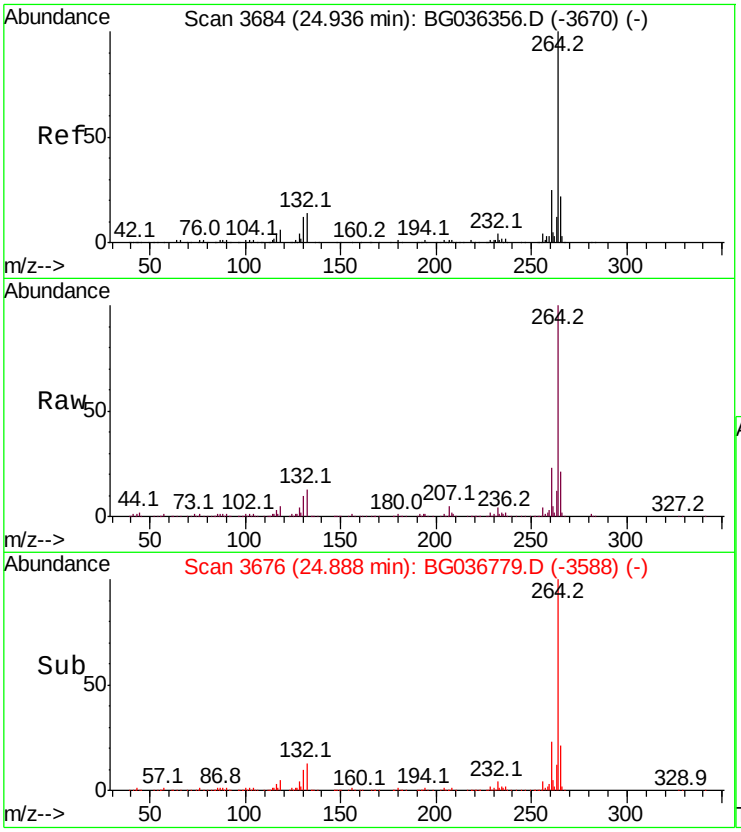


#78
Terphenyl-d14
Concen: 22.929 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Tgt Ion:244 Resp: 392533

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.0	10.6
122	7.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG036779.D
Acq: 18 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 387519

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	20.8	17.4	26.0